

Apple Lisa Computer e-Mail from Classic Mac Digests

February 1997 - February 1999

Subject: Old Mac Systems
From: Kris Lander, slhlx@cc.usu.edu
To: Classic Macintosh Mailing List, classic-post@hitznet.com

Jack wrote:

I have been offered a MacPlus...1meg Ram and no hard drive. I'm not =
sure
that the fellow giving me the machine can find his OS disks so my
question is:

1. Can you get a copy of pre 7.1 OS?

Yes (here I go again with my Sun Remarketing plug), Sun Remarketing =
has
all the MacOS systems since System 3.2 up to System 7.5. Sun's phone
number is: 1-800-821-3221. Email them at: sales@sunrem.com

I've found that Sun is a indispensable companion to my IICx, they have
most of the software and perephial I need. (I was just looking =
through
their catalog, and I didn't see one item for a Power Mac). I live =
just
down the road from Sun, so I usually visit them about once a month or
so. (They even have a resident "expert" on the Lisa/Mac XL).

Kris Lander
slhlx@cc.usu.edu

Subject: Classic Parts & Cables Avail
Sent: 11/17/96 7:31 PM
Received: 11/17/96 9:03 PM
From: Jim Nicol aka Duke Skye Walker, macnicol@scvnet.com
To: classic-post@hitznet.com

Hello all. I'm an original Mac Classic. I was an original Apple Tech
Rep for a major fortune 100 company. I started with the Lisa &
converted her to a Mac XL then bought a Mac 512 and upgraded it to a Mac
Plus then bought a Mac II in 1987 to which I have recently added a
Sonnet 030 CPU upgrade. My latest additions are a PPC 6100 w/DOS, a
PM7500 and a PB5300. Unfortunately these are in the process of turining

into classics as I type! Still have everything in working order except I sold the MacXL to Sun Remarketing some years ago - darn it. By the way - yes I did start with an Apple II+ which I paid more for than either the Mac II or the PM7500!

To the point. I have lots of stuff I've collected thru the years to keep these systems running which I might be able to part with for proper consideration. I have: an original Mac Plus keyboard, mice, DB9 appletalk connectors, DB9 switch boxes, appletalk cable (not phone net), external floppy, Mac II display I/F boards, mice, trackball, Summagraphics graphics tablet, DIN appletalk connectors, ethernet I/F card, DOS 5.25 floppy drive & I/F card, hard drive cases, cables, 1mb SIMMs, SCSI cables, terminators, an original Apple Scanner (still works) and an original Apple CD drive, plus lots more unique items and other odds and ends. If anyone is looking for something drop me a line at: macnicol@scvnet.com

--

Seamus MacNicol aka Duke Skywalker
email:macnicol@scvnet.com

Subject: subscribe
Sent: 11/25/96 9:49 PM
Received: 11/25/96 8:50 PM
From: DIETRICH ERIC, 55577F96@student.csi.cuny.edu
To: classic-post@hitznet.com

I own the following classics:

Macintosh Plus
Macintosh SE
Macintosh Portable
Macintosh II
Macintosh IIsx
Macintosh LC III
Macintosh PowerBook 165c
Apple LaserWriter Plus

I even have a Lisa II (Somebody PLEASE help me get her running!)

I also have some Apple II Family computers:

Apple IIc (the "255" ROM)
Apple IIgs (ROM 03)
Apple IIe (A bunch of different ones)
Apple II (The Original!)

And an Apple III.

If there's anyone out there that can help me get the Lisa or the Apple III going, or who has parts for the Apple II or Mac systems, please contact me at: 55577f96@student.csi.cuny.edu. The Apple III and the Lisa are in Alb, NM. Everything else is Staten Island, NY.

Visit my website at <http://tribeca.ios.com/~madsci/erick>.

-Erick

Subject: Lisa & Apple II Parts
From: <tonytony@cdepot.net>
To: "Erick" <55577f96@student.csi.cuny.edu>,
"Classic Macs Post" <classic-post@hitznet.com>

Erick wrote:

-snip-

If there's anyone out there that can help me get the Lisa or the Apple III going, or who has parts for the Apple II or Mac systems, please contact me at: 55577f96@student.csi.cuny.edu.

-snip-

Check out the folks at Shreve Systems, 1200 Marshall Street, Shreveport, LA 71101, (800) 227-3971. My friends and I have purchased from them. They're honest and priced well.

I am in no way connected with Shreve Systems other than as an occasional customer.

* * *

Better living through marketing (TM).

Tony Spinetta
tonytony@cdepot.net

To: classic-post@hitznet.com
From: alilly@scican.net (Albert L. Lilly III)
Subject: Lisa Problems

Hi All,

For the fellow with problems with his Lisa, there is a computer page called the "obsolete Computer Museum" which has links and info on many older computers, as well as some interesting info and pictures on the inside of a Dismantled SE. The address is:

<http://www.ncsc.dni.us/fun/user/tcc/cmuseum/cmuseum.htm>

Hope that helps.

AL

Subject: Apple Lisa info
Sent: 11/27/96 11:46 PM
Received: 11/29/96 8:41 AM

From: John Massaglia, mrklaw@itsnet.com
To: classic-post@hitznet.com
55577f96@student.csi.cuny.edu

>If there's anyone out there that can help me get the Lisa or the
>Apple III going, or who has parts for the Apple II or Mac systems,
>please contact me at: 55577f96@student.csi.cuny.edu.

I remember that a company called Sun Remarketing used to make a version of the Macintosh OS for the Lisa. They also sell parts such as scsi cards and other stuff.

You can reach them at:
sales@sunrem.com
(800) 821-3221
<http://www.sunrem.com>

Also, for other Lisa info (including more stuff about Sun) check out:
<http://www.artsci.wustl.edu/%7Essteplet/lisa.html>

Good luck!

John Massaglia Workers of the world, relax!
mrklaw@itsnet.com

Date: Thu, 1 May 1997 11:02:06 -0500 (CDT)
From: Robert S Bedeaux <bede0005@tc.umn.edu>
To: classic-post@hitznet.com
Subject: System Software for Lisa

Hi there.

I have a Mac XL which I am trying to get running as a Lisa again. It has had none of the mods done (drive upgrade/pixel alteration etc), so I know this will work. The problem though, is I cannot find the Lisa Workshop or Office system anywhere. If anyone knows of where I can find disk images of either of these that would be great.

Thanks much

Rob

p.s I know the Lisa stamps individual serial numbers after softs have been run, but I have a serial number stripper to get rid of this. Just no software

Date: Fri, 2 May 1997 18:46:45 -0400
To: <classic-post@hitznet.com>
From: Nick Canterucci <nican@memphisonline.com>
Subject: Vintage Macs and Mac Book!

hello vintage mac users...thanks for all great email concerning my recent cache of vintage macs....I was able to find homes for that mac PLUS, SE,classic,and SE-30...I still have a near mint SE here waiting to go to a new home....I might be getting 30 or so vintage macs...i.e. SE,SE-30,colour classic, soon as my company moves further into the WINTEL dog and pony show..our Computer head LOATHES macs so much.....he'll gladly 'force' me to take them home...so IF that happens, I'll let everyone know...and then come and get 'em!

I recently found a second copy (used) of a most excellent book dealing with vintage macs..models 128K to MAC SE..called MACINTOSH repair and upgrade secrets..by LARRY PINA, hayden books 1990..even comes with a floppy 'diagnostic software for mac computers' this book is the earlier..and perhaps better version of his later book on peachtree press SE & Classic mac secrets...this one's a keeper..

I don't need it....first offer plus 3.00 fer mailing grabs it..(p.s. has detailed LISA section as well)

thanks everyone...
keep the faith

Nick-Memphis
nican@memphisonline.com

Date: Mon, 5 May 1997 07:01:19 -0800
To: classic-post@hitznet.com
From: bjbear@ibm.net (B.J. Major & Dennis J. Gorin)
Subject: System Software: You Must License It!

I'm writing this message *not* to be the software police (far from it), but to share with others on this list my first hand experience with trying to give someone copies of some discontinued System software they needed.

One cannot just offer to copy disks for someone for any Apple System software unless they have an official license to do so from Apple. Official user groups and other private individuals have licenses and may provide you with copies of System software for your use. Please note this applies to any and all computers Apple has ever made, including Apple II, Lisa, Macintosh, Apple III, etc. Unless you see the System software you need on Apple's FTP sites--where you can download it yourself--this is the policy that is supposed to be followed. You are also not supposed to be charged for this System software outside of the cost of the floppy disks.

I'm not sure if folks on this classic macs list that are putting Mac *System* software on their websites are following this policy, but if you are not, you are likely to be told about it from Apple. From what I understand, the license fee for being an official "licensee" is minimal and has to be paid to Apple on a yearly basis.

My personal experience with offering to copy a set of discontinued Apple //c System disks for someone who just happened to pick up a //c at a thrift store bears witness to this. I was flamed off comp.sys.apple.2 usenet group for even offering to help the person in this way. I had no intention

of charging for the software, but was told that I could not offer to do this without a license, regardless.

--bj
bjbear@ibm.net

From: "Jones, Paul B" <PJones@wnpbnop1.telstra.com.au>
To: classic-post@hitznet.com
Subject: System Software Distribution--It's Okay
Date: Tue, 6 May 1997 12:13:00 +1000

>
> Date: Mon, 5 May 1997 07:01:19 -0800
> To: classic-post@hitznet.com
> From: bjbear@ibm.net (B.J. Major & Dennis J. Gorin)
> Subject: System Software: You Must License It!
>
> I'm writing this message *not* to be the software police (far from it), but
> to share with others on this list my first hand experience with trying to
> give someone copies of some discontinued System software they needed.
>
> One cannot just offer to copy disks for someone for any Apple System
> software unless they have an official license to do so from Apple.
> Official user groups and other private individuals have licenses and may
> provide you with copies of System software for your use. Please note this
> applies to any and all computers Apple has ever made, including Apple II,
> Lisa, Macintosh, Apple III, etc. Unless you see the System software you
> need on Apple's FTP sites--where you can download it yourself--this is the
> policy that is supposed to be followed. You are also not supposed to be
> charged for this System software outside of the cost of the floppy disks.
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> of charging for the software, but was told that I could not offer to do
> this without a license, regardless.
>
>
> --bj
> bjbear@ibm.net
>

Having just checked again with Apple, Mac software up to 7.0.1 tune-up can be distributed, on a personal basis, 'freely'. This may not apply to Apple II software. MacOS upgrades may also be distributed free, but you must pay for 7.1, 7.5, 7.5.3(?), 7.6 etc. If you are distributing a commercial product then you must(?) have Apple's permission to do so,

but if someone asks me for a copy of, say, system 6.0.7 and printer drivers then it's not a problem to pass it on and charge for the media and a coping fee. There are a large number of ftp sites, Apple and Non-Apple that carry the stuff, so if you can't get it, some-else can do it for you. When the CD-ROM burner finally arrives, I hope to put together a complete historic collection of Mac system software, 1.0 to 7.0.1 but don't ask me yet. For old Mac systems order Develop Magazine#6 and CD from Apple, it had a big collection of old system software on it.

Paul B Jones
member Apple Associates Program, Aust.
Tech Support, Mac Ware Intl.

Date: Thu, 8 May 1997 21:23:18 -0800
To: classic-post@hitznet.com
From: bjbear@ibm.net (B.J. Major & Dennis J. Gorin)
Subject: More on Licensing System Software
Cc: PJones@wnpbnop1.telstra.com.au

Having just checked again with Apple, Mac software up to 7.0.1 tune-up can be distributed, on a personal basis, 'freely'. This may not apply to Apple II software. MacOS upgrades may also be distributed free, but you must pay for 7.1, 7.5, 7.5.3(?), 7.6 etc. If you are distributing a commercial product then you must(?) have Apple's permission to do so, but if someone asks me for a copy of, say, system 6.0.7 and printer drivers then it's not a problem to pass it on and charge for the media and a coping fee. There are a large number of ftp sites, Apple and Non-Apple that carry the stuff, so if you can't get it, some-else can do it for you. When the CD-ROM burner finally arrives, I hope to put together a complete historic collection of Mac system software, 1.0 to 7.0.1 but don't ask me yet. For old Mac systems order Develop Magazine#6 and CD from Apple, it had a big collection of old system software on it.

Paul B Jones
member Apple Associates Program, Aust.
Tech Support, Mac Ware Intl.

\=====/

You are in Australia; I am in the U.S. If you read the License Agreements on the Apple U.S. FTP sites, what I originally posted about having to be a "licensed" copier of System software applies. There MAY be different, separate agreements about the licensing of Apple System software in other countries, but here you **must** have a license from Apple to copy System software for someone else. The reason for this is that it is copyrighted by Apple. This applies to all Mac, Apple II, Apple III, Lisa and other System software made by Apple regardless of the year it was made. THE ONLY exceptions to this are the System Software locations on Apple's own FTP sites that individuals are free to download from. I already excluded these in my original message. If this licensing rule did not exist, the individuals and user groups who are paying licensing fees to Apple on a yearly basis certainly would not have to do so.

Your post is encouraging others to duplicate at will for others what is copyrighted, and this defeats the entire purpose of the licensing agreement. In essence, you are making the same mistake as I originally did in thinking it was OK to copy Apple II System disks for others. It is not.

--bj
bjbear@ibm.net

Date: Thu, 15 May 1997 22:53:41 -0400
To: <classic-post@hitznet.com>
From: Nick Canterucci <nican@memphisonline.com>
Subject: PowerBook 100 and Beyond...

two quick questions..has anyone heard about the new Nicad batteries that are now being retro fitted in the PB 100, replacing the older lead acid battery that came with them in 1991-1992 ?? and can you use them in the PB 100 battery charger ? (external)

Also does anyone know where I can download a version of mac ppp 2.0.1? the recent one I did download was corrupted!

also pt 2...found a another copy of that EARLY version of the Larry Pina book on early macs..the 128,512,528,Lisa,and SE..and comes with a software floppy to test those early macs...if anyone NEEDS it..email me a price plus 4.00 u.s. mail shipping and it's yours!

starting to get some of those early macs from work..got two 512's..one complete,,and one that has been torned down,,i.e. analog board,sony floppy, logic/motherboard,picture tube..yers for a SONG plus shipping..

also got a SE..2.5mb ram 20 hd...very nice shape..KB...no mouse...

have a SE collection of parts...analog board,CRT,logic/motherboard which came OUTTA SE SUPERDRIVE!

also a colour classic..8mb ram/200 hd KB/mouse....

hopefully soon, I can get my hands on the rest of the 528's (4)
SE's 800k (5) SE's 1.4 FDHD (7) and 6 colour classics...

so this is a good chance for all vintage mac users to get this stuff, keep it running...

thanks

Nick
nican@memphisonline.com
Memphis

Date: Tue, 20 May 1997 19:07:18 -0500 (CDT)
From: Sang-Jun Lee <sjlee@utsi.edu>
To: classic-post@hitznet.com
Subject: Lisa/Mac XL? What's the difference?

Hi! everybody!!

I have some question for you..I believe you can help me...
Simply, What's difference between Lisa and Mac XL???
Lisa II is Mac XL??? what about Lisa I???
I really confuse with that....
Please give me information in detail...

Thank you ! and have a nice day!

sjlee@utsi.edu

Subject: RAM limitations
Date: Mon, 2 Feb 98 08:26:44 +1100
From: desieh <desieh@southcom.com.au>
To: "Classic macs" <classic-post@hitznet.com>

From: Desie Hay
Email: desieh@southcom.com.au
desieh@bigfoot.com
museum_curator@hotmail.com
Apple Lisa Home Page:
<http://www.southcom.com.au/~desieh/index.htm>

err sorry to point out tiny errors, but the original IBM PC origianlly came standard with only 16KB of RAM not 64KB. We should be talking about Macs here so.....

I agree that back when most of these computers were introduced that the people who made them thought that people would never need any more RAM. Steve Jobs originally said that nobody would need more than 128k of RAM, hummmmm. interesting. Back when the Mac Plus was introduced the 1MB ram chips to upgrade cost around, in think \$500+US for just one! The Mac II was designed to handle up to 128MB of RAM, back then that seemed like heaven, nowdays that is almost standard in business and other applications.

Date: Mon, 2 Feb 1998 02:14:34 -0800
To: classic-post@hitznet.com
From: Edwin Togami <etogami@silcom.com>
Subject: Mac Plus ROM versions (was Re: Mac Plus Roms)

The 128K ROMs had at least three versions. The first two versions had a feature (bug) that kept you from booting from a floppy unless all attached SCSI devices were powered on. This is true for the Mac Plus. (and any home-brew SCSI on the 128Ke and 512Ke machines)

There is an easier way to tell what version ROMs are installed than taking the machine apart. (Try this only on a Mac 128Ke, 512Ke or Mac Plus)

1. Boot the Mac. While in the Finder, press the rear interrupt button on the back left side of the machine. If there is no programmer's switch, look inside the slots using a good flashlight. You should see two round, black switches. Use a strong toothpick to lightly press the rear switch.

2. If you have 128K ROMs, you will see a rectangular dialog box with a ">" (greater than). Type DM400000 (all zeros) and press the Return key. You

should get a memory dump that starts at memory location 400000. The second and third columns will indicate the ROM version.

400000 4D1E EExx xxxx (where xx = any hex number or letter) = ROM version 1

400000 4D1E EAxx xxxx (where xx = any hex number or letter) = ROM version 2

400000 4D1F 81xx xxxx (where xx = any hex number or letter) = ROM version 3

3. Type a G and press the Return key to return to the Finder. Restart or Shutdown the Mac immediately.

(modified from Macintosh Repair and Upgrade Secrets, Larry Pina, 1990)

Hope this helps.

Edwin Togami
Santa Barbara, California

>From: Chad Fernandez <fernande@internet1.net>

>To: classic-post@hitznet.com

>Date: Sun, 01 Feb 1998 02:52:15 -0600

>Subject: Re: Mac Plus Roms

>

>>From: Desie Hay

>>Email: desieh@southcom.com.au

>> desieh@bigfoot.com

>> museum_curator@hotmail.com

>>Apple Lisa Home Page:

>><http://www.southcom.com.au/~desieh/index.htm>

>>

>>

>>Hi everybody

>>I heard along time ago, (can't remember who told me) that there was 4
>>different ROM versions for the Mac Plus, and there was something called
>>the "infamous SCSI bug" what was this?

>>If my memory is correct the first 2 ROM versions of the Plus had this bug
>>but it only affected some meachines? can anybody inlighten me? Also there
>>was a way of checking in the debugger what ROM version you had, can
>>anybody remember how to do this??

>>any help would be most greatful, I have a truckload of Mac Pluses and
>>would like to find out what ROM versions they had..

>

>I have also heard of this, and would like to know more. In fact one of the
>reasons I have my Mac torn apart is to copy the info on the chips
>themselves. The other two reaons are to see the memory, and because it is
>filthy!!

>

>On the first chip:

>552 V0 9570

>23512-1006

>342-0341-A

>copyright Apple 83-85

>Mexico-R

>

>On the second chip:
>552 V0 9556
>23512-100
>342-0342-A
>copyright Apple 83-85
>
>If anybody can tell me anything from this information, I would greatly
>appreciate it.

From: Stuart Bell (PB100) <apple.sabell@argonet.co.uk>
To: Classic Posts <classic-post@hitznet.com>
Date: Mon, 02 Feb 1998 08:38:17 +0000 (GMT)
Subject: PB165 Back-up battery

On 02 Feb, Classic Posts <classic-post@hitznet.com> wrote:

> Date: Sun, 1 Feb 1998 22:35:23 -0500 (EST)
> To: classic-post@hitznet.com
> From: Michael <hbtrading@mindspring.com>
> Subject: Clock Battery for a Powerbook 165 ??

> I needed some help finding a pram battery for my Powerbook 165. Nights
> on the web, and several phone-calls have all come up blank.

> If anyone knows, where I can buy one either in the US or UK please let
> me know. I think the original battery , a Panasonic VL2320 3Volt
> soldered coin type, might not be made anymore but maybe a lithium model
> is available?

Hi!

In the UK, Maplin (mail-order and shop electronic components chain) list a
3v lith back-up (165mAh, 22.7mm dia, 2mm thick) part numbered BR2325,
which sounds like it might be close - slightly higher capacity?

They also list a raange of other 3v liths, but numbers are quite
different. What size is the VL2320?

cheers,

--

Stuart Bell - change nospam to argonet to reply.
Running a Mac Color Classic and a PowerBook 100 in a Wintel-free Zone.
PB100 FAQ at <http://www.argonet.co.uk/users/sabell/pb100.html>

Subject: Re: Did 512k Macs *All* Have 800k Drives?
Date: Tue, 3 Feb 98 17:48:46 +1100
From: desieh <desieh@southcom.com.au>
To: "Classic macs" <classic-post@hitznet.com>

From: Desie Hay
Email: desieh@southcom.com.au
desieh@bigfoot.com
museum_curator@hotmail.com

Apple Lisa Home Page:
<http://www.southcom.com.au/~desieh/index.htm>

Curtis Bard wrote:

>Can anyone tell me if any early 512k Macs shipped
>with 400k drives? Or did they all ship with 800k
>drives?

The original 512k's all came with 400KB single sided disk drives like the original 128k mac, around Jan 1986 Apple introduced the Plus with came standard with 800KB drives. Around March-April 1986 Apple released the 512ke with included the Mac Plus ROMs, 800KB disk drive and the Mac plus style keyboard. So you basically had a bady Plus - SCSI, RAM expansion. also if you look inside 400KB drives when they are on they GLOW!!! a very nice red colour.
here in Australia 512ke seem to be basically instinct, I have seen alot of 512ks but no 512kes.

hope this clears up the confuesion

oh yeah, if you want to find out the specs of mac get GURU from:
<http://www.newertech.com>

Subject: 32 Bit enabler????
Date: Sun, 1 Mar 98 09:34:20 -0800
From: Mike Friese <MJFriese@worldnet.att.net>
To: <Chrizzie@aol.com>, <classic-post@hitznet.com>

>A friend told me we need a 32-bit enabler for our old 16-bit chip. What is a
>32-bit enabler? Would it be more effective to replace the chip altogether?
>
>Reply to: Chrizzie@AOL.com

Perhaps you are talking about MODE32, the program that allows 32 bit ADDRESSING on non-32-bit clean Macs?

Note that all Macs since day one (day minus one if you count the Lisa) have a 32-bit architecture. Some older Macs may have had only 16 bit data buses and only 24 bit address buses, though.

Compare to PCs which initially had 16 bit architecture, 8 bit data buses, and 20 bit address buses.

Mike Friese

Windows 95 is for people that don't expect much from a computer.
-MF

From: rdingema@xs4all.nl
Subject: Hot-rodding
Date: Tue, 10 Mar 98 04:31:08 +0200
To: "Classic Posts" <classic-post@hitznet.com>

>I suspect the same will apply to computers - people are not just interested
>in how they were 'fresh from the factory', but also interested in what
>people did with them in real life.

I disagree here. I for one am very much interested in unchanged, untuned machines, to see what they were like - I have several in my 'antiques' collection (like the original Amiga 1000, the ZX81, the PET 2001 and an Apple II+) and want to keep them in their original, working condition. I can understand people wanting to see how much they can get out of these oldies, but if I'd put a G3 accelerator in my II+, somehow it just wouldn't be the same anymore... Besides, it would probably lift off and chase the Lunar Prospector around the moon ;)

Regards, Ruud

PS. Some of these machines are in the Smithsonian and other museums already... I'd love to pick up an old Mac128, Lisa or PDP, though.

Date: Mon, 16 Mar 1998 01:35:18 +0000
To: Classic Posts <classic-post@hitznet.com>
From: Rebecca and Rowland <rebecca@astrid.u-net.com>
Subject: More history Re: overly bright monitor on Plus

>Date: Wed, 11 Mar 1998 21:57:28 -0800
>From: Paul G <neong@gte.net>
[snip]

>Oh yea, the MacPlus *is* the coolest Mac ever. It started the whole "home"
>computer thing with its expandability, best price of its day for an able
>computer (best at \$2495 and dropping as it sold), and easy fit into a home
>before the computer desk had been invented. There are other old computers
>but I think history will show that its the beginning of the home computer
>revolution. And I still use one!

I can't speak for other parts of the world, but the Mac Plus had no effect at all on home computing in Britain.

There were two reasons for this. Firstly, home computing in Britain had taken off in a big way some years before the Mac Plus was released in 1986. Machines like the UKpounds 50 ZX81 (Timex Sinclair in the USA, I think) in 1981 and the UKpounds 235 BBC Micro in 1982 were hugely popular in their day; these were the third wave of home computers (following on from the first 'proper' home computers like the Nascom II and Acorn Atom). BBC Micros are still found all over the place - they're still popular for simple control jobs (mainly in education) because they're covered in useful interfaces. The Sinclair ZX Spectrum (1982?) deserves an honourable mention too: not much over UKpounds 100 and sold in the high street for well over a decade. The overseas competition in the early 1980s was laughable; the home-grown stuff gave you much more power for your money. For example, the 2MHz 8 bit BBC Micro proved faster in bench tests than the original 4.77MHz 16 bit IBM PC, and cost a fraction of the price.

Secondly, the big problem Macs had was the price. I don't know exactly how much the Mac Plus cost in Britain, but a general rule of thumb is that computer stuff is sold for the same number of UKpounds as it's sold in US\$, thus multiplying the price by about 1.75 (at the time). So you could buy a Mac Plus (very nice, admittedly) for about 10 times what you'd spent on

your BBC Micro. Oddly enough, very few people did this.

Lack of expandability counted against the Mac Plus too - it's relatively poorly equipped in that area when compared to the BBC Micro. Mind you, almost everything was poorly equipped in that area when compared to the BBC Micro which is quite simply a work of art which can thumb its noses at all the contemporary competition - the only really comparable home computer of those days was the Apple II which was slower, more expensive, and needed plug-in boards to get as well- equipped as a Beeb. The Apple II is excused because of its age; it's clearly a work of art too (both the Apple II and the BBC Micro have a certain elegance which has been lost to an extent, although you can see echos of it in the Psion handhelds and maybe Apple's eMate). In case you're wondering, I vote for the BBC Micro as the coolest ever home computer (and not just because of Elite).

Unfortunately, Sinclair didn't keep up (the QL was a bit of a cock-up in a similar vein to the Apple Lisa), and Acorn (which designed the BBC Micro) was overcome with success and didn't get the next generation machine designed quickly enough. So the Acorn Archimedes is a lovely bit of work, but not many people use them, and Acorn had to be rescued from financial ruin by Olivetti. Luckily Apple can spot a good thing once every other blue moon, and Acorn's A(corn) R(ISC) M(achine) processor found its way into the Newton, so the design's not been wasted.

The really exciting thing is the Amulet project at Manchester University to develop an ARM-based microprocessor without an internal clock. The people doing the work see no reason why you shouldn't design a complete clockless digital computer one day. Yes, it blows my mind too.

Rowland.

Subject: RE: the coolest home computer ever.....
Date: Fri, 27 Mar 98 18:56:06 +1100
From: desieh <desieh@southcom.com.au>
To: "Classic macs" <classic-post@hitznet.com>

Email: desieh@southcom.com.au
desieh@bigfoot.com
museum_curator@hotmail.com
Apple Lisa Home Page:
<http://www.southcom.com.au/~desieh/index.htm>

>I vote for the BBC Micro as the
>coolest ever home computer (and not just because of Elite).

what dose everybdoy else think was the coolest home computer ever? ok
lets limit this to the Apples and possablily the Macs because of this
classic Mac List.....
I vote for the Apple Lisa and the Mac SE/30!!!!

lets here what everybody else thinks.....

Date: Tue, 7 Apr 1998 14:02:12 -0700
 To: Classic Posts <classic-post@hitznet.com>
 From: Paul G <neong@gte.net>
 Subject: Re: Coolest home computer ever...

>what dose everybdoy else think was the coolest home computer ever? ok
 >lets limit this to the Apples and possablily the Macs because of this
 >classic Mac List.....
 >I vote for the Apple Lisa and the Mac SE/30!!!!
 >
 >lets here what everybody else thinks.....

In its intro the Plus was not realy a home computer, but as time marched on it was its only market (before most compters had homes <g>). The SE/30 was never really a home computer either (pricy in its day, but second only to the fx in its day too).

On this concept, I say the MAC PLUS (as it ended up a home computer as its only market) is the coolest home computer ever. The SE/30 and Color Classic series, not far behind. Also close contenders are the LC III and LC 475 (meaning mostly Performa models of the same). I mean, hey, those based on the LC475 can even run the latest system still, at over 5 years old. They have a cool slim case and some power (still, I favor the LC III's running at 33mhz).

It seems from there even home computers have gotten ever **more** complex (starting with any Mac running an 040 or any PC running more than an 8088 <g>). No wonder now that the remaining homes not having computer equipment are not going to it very fast. Would you like to think for a minute now about **starting**, for you first computer experiance, on either a Pentium MMX running Win95 or a G3 Mac running OS 8.1? Manyof us here could handle that fine, but you have to really think to imagine **no** prior knowledge of computers and starting out with that. Think, on the Mac side (and the MS side is no better in **lots** more ways) you have the basic hard drive with the basic double click (select then act by opening - a translating by the OS of a second click close to the first) to open and see whats in the HD, then the same for any folder inside. Double click also works on files or applications - except that they don't open like a drive or folder, so you learn that "open"ing them is to launch the application (or the app that created the file) and use them. NOW - Mac OS 8.1 (for the computer illiterate). The Apple menu (which since system 7 is just a folder in the system folder that everyone tells you to stay out of), the launcher, the alaises (the first and easiest for the newby to understand), the pop up folders too. Where is it really (new users need some reference even if that reference is not quite real as a file can be stored in many small pieces on a drive). I have found newbys completely confuzzled nowadays by what is where and how and why. It used to be just the power of the "Font/DA Mover" they had to learn (and didn't need for a few weeks at least anyway). Nothing in the system folder **was** needed except for the file "system" and "Finder", thats **sure** not the case anymore (as they say, "What's this?").

My 2 cents (OK more like \$1) on this. (sorry)

Neon - I've tried to teach newbees, its not easy anymore.

Date: Fri, 17 Apr 1998 09:35:32 -0500

Subject: Lisa lives again
From: David Stewart <dstewart@fusion.ca>
To: Classic Macs <classic-post@hitznet.com>

Hi there, I have recently restored a Apple Lisa Using the parts from a variety of lisa's and sources but it is still not complete. I'm looking for lisa software and parts all the time. Does anyone know a good spot o get Lisa stuff?? Does anyone have any??

The main thing I'm looking for now is a widget hd, and asembly.

thanxs in advance, david

BTW it seems that here are only about 4 or 5 Lisa web sites. D0es anyone know of any good online Lisa resources??

Date: Sun, 3 May 1998 12:06:56 -0800
To: classic-post@hitznet.com
From: chtam@lynx.bc.ca (Keith Tam)
Subject: Looking for Illustrator88

Hi all:

Does anyone have Illustrator88 in the original packaging with all the disks and manuels? I would like to buy it. Also, if you have an Apple Lisa or Macintosh XL you don't want, e-mail me, I'll take it.

KEITH TAM
chtam@lynx.bc.ca
@ Vancouver, British Columbia, Canada.

Subject: RE:Lisa lives again
Date: Sun, 4 May 97 15:37:07 +1000
From: desieh <desieh@southcom.com.au>
To: "Classic macs" <classic-post@hitznet.com>,

>BTW it seems that here are only about 4 or 5 Lisa web sites. D0es anyone >know of any good online Lisa resources??

I run a cool little Lisa site:

Apple Lisa Home Page
<http://www.southcom.com.au/~desieh/index.htm>

check it out

From: Mrkite NY <MrkiteNY@aol.com>
Date: Fri, 15 May 1998 22:14:09 EDT
To: classic-post@hitznet.com

Subject: Re: Plus Mice

-----Original Message-----

>From: Matt Anderson <spork69@iland.net>

>To: classic-post@hitznet.com <classic-post@hitznet.com>

>Date: Tuesday, May 12, 98 10:08 AM

>Subject: Plus mice

> I have recently purchased a Macintosh plus (yes, another one). It was
>part of the same lot as the perform 400 that I mentioned in another post.
>Anyway, I was looking at the bottom of the mouse which came with this new
>(to me) plus and noticed that it was different than the other plus mice.
>On the bottom of this one it says: Apple Mouse IIe, Model No. A2M2070. On
>the regular plus mice it says: Apple Computer, Inc., Model Number: M0100.
>These two mice are nearly identical from the top (The plus mouse is more
>of a yellowish tint whereas the one marked IIe is grey, but this can be
>attributed to environmental conditions. The plus the IIe came with is
>pretty grey too, whereas my other two plusses are yellowed). The pins in
>the connector are the same. The numbers on the side of the connectors are
>different. Plus mouse: 590-0258, IIe mouse: 590-0369. And the case
>construction is slightly different on the lower half. Instead of two
>screws up near the cord holding the case halves together there is only one
>on the other end on the IIe mouse. I have yet to open them up or use the
>IIe with a mac plus. Does this IIe mouse work with an Apple IIe? I bought
>two of them in that lot (the one with the Plus and the perform, but the
>mouse was plugged into the plus). Matt Anderson

As far as I remember, my Apple IIe didn't have a mouse.

Nicholas

[MODERATOR:]

Lisa, Apple //e, //c, 128, 512, and Plus mice are all electrically the same.

[END MODERATOR]

From: "Desie Hay" <desieh@southcom.com.au>

To: <classic-post@hitznet.com>

Subject: RE:Ozzie Mouse for Mac Plus

Date: Sun, 17 May 1998 14:15:32 +1000

email: desieh@southcom.com.au

desieh@bigfoot.com

museum_curator@hotmail.com

Apple Lisa Web Page:

<http://www.southcom.com.au/~desieh/index.htm> Does anyone in Australia
(Sydney) have a spare mouse for a MacPlus they are
willing to sell?

Murray

sure I have one if you still are interested..... Im in Hobart so
contact my at one of the above email address.....

Date: Sun, 7 Jun 1998 00:39:57 +0100
To: Roy <roster@SOL.RACSA.CO.CR>,
From: jag <arena@eden.com>
Subject: se
Status: U

>I just inherited a working Mac SE FDHD with 2 floppy drives and I think
>about 40megs HD and 4 megs ram. I basically learned computing on a PPC
>7500 so I have some novice questions.

>
>The SE is running OS 6.0.3. Can I upgrade the system sw and to what
>version? I see 6.0.5 and 6.0.8 and 7.X at Apple support. After I get the
>system where it needs to be I plan to visit Jagshouse for some more
>goodies. Any recommendations?

You can run up to sys 7.5.5 on the se. You need a bare min of 2.5 megs,
preferrably 4. It will take 1.4 megs to boot 7.5.5 bare min. 7.0.1 is the
last free system from Apple on their web site.

info.apple.com
ftp.apple.com

If you are going to run a sys 7.x, i recommend 7.0.1 cuz it's faster and
smaller. 7.1 is my next recommendation. I have a sys folder with 6.08 (old
games), a sys folder with 7.0.1(internet) and a sys folder with 7.5.5 (just
for kicks) on my Plus, SE and SE/30. I have 7.1 (for Hypercard 2.1), 7.5.5
and 8 on my Centris 660.

I have all three Macs networked together. I make demos for the Macs we sell
at the Goodwill Computer works here in Austin, so I need to test them on
all my Macs so they will work on all the macs at the GW. I use Director 3
on the Plus, Photoshop 2 on the Plus, Lightning Paint, MacPaint, Claris
Works, Fildemaker, MacWrite, Word 5.1 on all my 'classic' Macs. I add sound
to my Hypercard stacks with SoundEdit, (c. 1988) the very first incarnation
of what has become Macromedia SoundEdit 16 and my trusty Farralon
MacRecorder. SoundEdit 1 was written by Steve Capps, the fella that wrote
much of the Mac OS and MS Explorer for the Mac.

I've even used Smoohtalker to make my 128k talk as a demo at the goodwill.
Very cool. The Lisa runs it just fine too.

>
>I hope to keep my 8 y/o busy with it long enough to keep him off my 7500 so
>I can use it. I'll probably end up on the SE with him on the 7500. What a
>life!
>
>Can I do email with this SE?

Sure. See my "Get your compact mac on the web" instruction manual on my web
site

<http://www.eden.com/~arena/jagshouse/classic.html>

>
JAG

A weird little oasis on the web. Download Mac shareware, read the TRUTH about Mac superiority, or just waste time.

[Http://www.eden.com/~arena/jagshouse/jagshouseone.html](http://www.eden.com/~arena/jagshouse/jagshouseone.html)

Date: Sat, 13 Jun 1998 03:21:53 +0100
To: Classic Posts <classic-post@hitznet.com>
From: Rebecca and Rowland <rebecca@astrid.u-net.com>
Subject: Re: Mac SE info?

>Date: Mon, 8 Jun 1998 20:48:49 -0700 (PDT)
>From: Jeff K <icepulse@yahoo.com>
>
> I've just purchased an old MAC SE and I'm interested in finding
>little games or other interesting software. I know very little about
>computers so I'll trust folks who will know if they will run on my
>system. The Mac has two drives but no hard drive. A very basic
>system. If anyone can help, thanks. I live in the NYC area.

A good first place to look:

<http://www.eden.com/~arena/jagshouse/jagshouseone.html>

Rowland.

P.S.

Here's my big list of old Mac links:

...

<http://www.southcom.com.au/~desieh/index.htm> Lisa stuff

Date: Thu, 13 Aug 1998 23:24:01 -0700
From: James Jung <mac_tech@tech-center.com>
Subject: Re: [Classic Post] Networking a Mac 128K
To: GY <gyoung@athenet.net>

Classic Posts <classic-post@hitznet.com>
MIME-version: 1.0
Status: U

>From: "GY" <gyoung@athenet.net>
>To: "Classic Posts" <classic-post@hitznet.com>
>Subject: Networking a Mac 128K
>Date: Fri, 7 Aug 1998 22:18:49 -0500
>
>Further proof that the Mac 128K cannot be networked.

<snip>

>It does say "The LaserWriter printer works with all Macintosh applications
>on a Macintosh 512K, a Macintosh Plus, and a Macintosh XL." on page vii.

How can that be? The Mac XL and Lisa are supposed to be the same thing (or so I believed). I thought that the Lisa was re-released as the XL after

the 128K. Did Apple fix something on the Lisa before they re-released it?

Maybe someone wants to go dig some Lisas up?...hehehehe

<snip>

>I have tried to strip all resources out of the System file with no luck in
>making the Macintosh 128K networked.

That's too bad. I still refuse to believe it, until I try it myself.
Maybe at the next computer swap meet (last Saturday of every month; El
Segundo, CA in TRW), I can find a Mac 128K for a couple US dollars.

From: "GY" <gyoung@athenet.net>
To: "James Jung" <mac_tech@tech-center.com>
Subject: Re: [Classic Post] Networking a Mac 128K
Date: Fri, 14 Aug 1998 06:53:43 -0500

...
>How can that be? The Mac XL and Lisa are supposed to be the same thing (or
>so I believed). I thought that the Lisa was re-released as the XL after
>the 128K. Did Apple fix something on the Lisa before they re-released it?
>
>Maybe someone wants to go dig some Lisas up?...hehehehe

The Mac XL also can run a file server program called "XL/Serve". It would
let your Mac 512Ks connect to it and share its hard drives and printers. I
have not used one, just seen it in MacWorld/MacUser 1985 magazines. It was
made from Infosphere. I have an ad which shows the Mac XL hooked up to the
same AppleTalk LAN as the Mac 512K.

Without using a Lisa/Mac XL, I can only go on what I have read and seen by
ads/reviews. :(
The ad/review does not say if the Mac XL was running MacWorks or not. It
does say Mac XL not Lisa.

...
>That's too bad. I still refuse to believe it, until I try it myself.
>Maybe at the next computer swap meet (last Saturday of every month; El
>Segundo, CA in TRW), I can find a Mac 128K for a couple US dollars.

Go for it! If you have better luck I would like to know.
Perhaps you could pick up a cheap Lisa for me? ;)

G.
The Mac 512 www.athenet.net/~gyoung/
A classic Mac web site - return to the beginning...

Date: Tue, 18 Aug 1998 21:00:34 +0100
To: Classic Posts <classic-post@hitznet.com>
From: Rebecca and Rowland <rebecca@astrid.u-net.com>
Subject: Re: Stored Energy in Compact Mac CRTs

>From: F100nut@aol.com
 >Date: Mon, 10 Aug 1998 04:44:40 EDT
 [snip]

A point: the book 'Macintosh repair and upgrade secrets' by Larry Pina (covers 128K->SE including Lisa/Mac XL) says that you *must* use a resistor to discharge the CRT because of the high risk of damaging other components (a blown LAG chip on the logic board and a blown 74LS38 on the analogue board; no, I don't know what the LAG chip is) if you just spark the energy away.

It recommends that you use a setup roughly like this:

Wire a 10 Megohm resistor to an insulated lead. Crimp a ring or spade connector to one end of the lead and fit an insulated crocodile clip to the other end; use heatshrink or other insulation to cover the resistor.

Then undo a suitable chassis screw on the Mac and screw the ring or spade connector down, and connect the crocodile clip to a screwdriver with an insulated handle. Fit a length of insulating tubing over the screwdriver shaft so that as much the metal as possible is hidden.

Now you've got the lead connected to the chassis and screwdriver, gently lever the screwdriver under the HT lead boot on the CRT and ease it under until it touches the metal contact. Hold it there for a few seconds and the job's done (you should apparently wait until the soft crackling has stopped).

>Ok, now on to the experiment. I started by discharging the CRT with the Mac
 >Plus Power supply attached (less than a minute after unplugging the computer).
 >I saw no spark whatsoever from the anode. Now I realize the CRT may still
 >have had power in it, even though it didn't spark, but common sense tells me
 >that even a 9V battery will spark, and you guys are saying it could have tens
 >of thousands of volts in it.

This isn't quite right: the CRT can store *energy* in the form of electrical charge (electrons). A charge (extra or missing electrons on the conductive coating on the inside of the CRT and on the outside of the CRT) *in* the CRT results in a potential difference (voltage) *across* the CRT. Discharging the CRT will liberate this energy; the voltage will drive a current through the discharge circuit, liberating this stored energy as light, heat, and sound. This happens over a (short) period of time: $\text{energy/time} = \text{power}$.

'Macintosh repair and upgrade secrets' says that the CRT has 13,000 V across (not in) it.

>Ok, I then tried the same thing with the Mac 512kE power supply attached, also
 >under one minute after unplugging it. This time, I saw a spark. It was a
 >very small one, but still a spark. This tells me that there is some power in
 >the CRT. But, one must realize that this power supply was giving power to the
 >CRT a lot more than a normal power supply.
 >

>Now, one could make the conclusion at this point that it depends on the power
 >supply, but I would like to see one of you more experienced guys try this with
 >a Compact Mac with a working power supply. Rowland, Neon, Moderator?

Personally, no, because playing this game is likely to damage a Mac. I'd

want to use some decent measuring equipment, but I've got no convenient way of measuring anything above about 5000 V and no convenient way of measuring capacitance. I suppose I ought to borrow a capacitance meter to measure the capacitance of my Mac Plus's CRT when I get round to fixing it (real soon now, as they say...)

>I would like to see the results from a normal power supply. Preferably just
>as quick after unplugging it as I did. Also, somewhat unrelated, can anyone
>tell me if the Flyback transformer is what is wrong with the 512kE power
>supply? I see one bad solder joint on it which is from one of the smaller
>capacitors, but I haven't had a chance to resolder it yet. I am thinking that
>if that doesn't fix it, then I can put the 512kE's flyback on the Plus power
>supply.

I don't know about the horizontal white lines, but a vertical white line might be due to a dead C1, J1, L2, or LAG chip. It's worth re-soldering any iffy looking joints and maybe replacing C1 (using a higher-voltage part). Note that C1 is unpolarised and low-impedance: replacing C1 with a normal electrolytic capacitor will result in catastrophic failure after a short while in service (you can expect a small explosion).

Do try and get hold of Larry Pina's 'Macintosh repair and upgrade secrets' (Hayden Books, 1990, ISBN 0-672-48452-8); it's a long way from perfect, but it's a damned good book in many ways.

Rowland.

Date: Sun, 23 Aug 1998 11:21:59 -0700
From: James Jung <mac_tech@tech-center.com>
Subject: Re: [Classic Post] The rare and valuable 128k Mac
To: Mike Ford <mikeford@netwiz.net>

Classic Posts <classic-post@hitznet.com>
MIME-version: 1.0

>Date: Mon, 10 Aug 1998 02:40:44 -0700
>To: Classic Posts <classic-post@hitznet.com>
>From: Mike Ford <mikeford@netwiz.net>
>Subject: The rare and valuable 128k Mac
>

<snip>

>Can anyone confirm whether a 64k Mac ever existed?

You may be thinking about one of the original Apple computers (non-Mac), though the Mac XL (aka Lisa) may have had 64K of memory. I'm not sure about the Lisa, since I don't have specs on it.

I hope this helps.

From: JPurtle@aol.com
Date: Thu, 27 Aug 1998 20:10:23 EDT
To: classic-post@hitznet.com
Subject: MacXL-Lisa-MacWorks

Times flies and our memory fades but here is our best recollection of the MacXL, Lisa, MacWorks. MacWorks was a software program that made a Lisa /XLMac into a server.. You could also partition the hard disk (if your Lisa had one---some had a 5 mg, some a 10 meg later you could upgrade to 20 mgs. Some early models had two floppy disks, some one, later on they were modified to use diskettes.

If you petitioned the hard disk, each person using the server could have their own little hard disk area.k Print spooling was available.

Apple furnished software that would turn a Lisa into a Mac. Lisa's had round pixel's and a Mac square this led to some resolution problems. You could even have a Lisa on one part of the hard disk and a Mac on another part. There were filters for converting files one way from Lisa to Mac. The Lisa/MacXL had no battery so you lost your time when you unplugged it or the power went off absolutely. It was a wonderfully modular machine and was designed so you could work on it yourself. Everything snapped or plugged it. A 2mb board upgrade was available. There were later efforts to make it into a hot rod but like a MacPlus, it is/was plenty adequate for word processing with up to Word 5.1 J.purtle

Date: Fri, 28 Aug 1998 07:02:52 -0500
Subject: Re: [Classic Post] The rare and valuable 128k Mac
From: "GY" <gyoung@athenet.net>
To: classic-post@hitznet.com

Mime-version: 1.0
X-Priority: 3

I have only read about four Lisas & their memory types:

Lisa 1 1024K

Lisa 2 512K

Lisa 2/5 512K

Lisa 2/10 512K

I haven't read about a 64K Lisa. The Lisa Office System needed 768K at at least, it wanted 1024K. The My source for this is the 1984 May/June issue of MacWorld.

The Mac XL is different in name and what came with it only, the hardware is the same as a Lisa in most cases (no Hard Drive). I am not sure about it's memory configuration.

G.

The Mac 512 ww.athenet.net/~gyoung/

>though the Mac XL (aka Lisa) may have had 64K of memory. I'm not sure
>about the Lisa, since I don't have specs on it.

Subject: Lisa/Macintosh XL information
Date: Sun, 30 Aug 1998 06:38:37 -0400
From: Dan Knight <dknight@mail.iserv.net>
To: "Classic Posts" <classic-post@hitznet.com>

I'd like to add pages to my Low End Mac site for the Lisa computers. If anyone on the list can provide links to other online Lisa resources, I will be sure to link to them.

Thanks!

Dan Knight, dknight@mactimes.com
editor in chief, MacTimes <<http://www.mactimes.com/>>
webmaster, Low End Mac <<http://www.mactimes.com/lowend/>>

Date: Sun, 30 Aug 1998 19:40:30 -0500
Subject: Re: Mac XL-Lisa-MacWorks
From: "GY" <gyoung@athenet.net>
To: Classic Posts <classic-post@hitznet.com>

Actually MacWorks turned a Lisa into a Macintosh (64K ROMS) and MacWorks Plus turned a Lisa into a Mac Plus (128K ROMS).

You might be thinking of XL/Serve which ran on a Mac XL using MacWorks (according to the advertisements in 1985). XL/Serve was advertised in MacUser and MacWorld. No other product was doing file serving at that time according to available advertisements and talk in MacUser and MacWorld (October & November issues). AppleShare was not even mentioned in those magazines during those months.

Perhaps this is what you were leaning to?

Thanks!
G.

>MacXL, Lisa, MacWorks. MacWorks was a software program that made a Lisa
>/XLMac into a server.. You could also partition the hard disk (if your Lisa

Date: Sun, 30 Aug 1998 22:07:19 -0700 (MST)
From: Steve White <swhite@stf.org>
To: Classic Posts <classic-post@hitznet.com>
Subject: Re: MacXL-Lisa-MacWorks

> have a Lisa on one part of the hard disk and a Mac on another part. There
>were
> filters for converting files one way from Lisa to Mac. The Lisa/MacXL had no
> battery so you lost your time when you unplugged it or the power went off

Actually, the Lisa->Mac Migration program did just this. Would convert data files from Lisa 7/7, to the closet Mac counterpart.

> work on it yourself. Everything snapped or plugged it. A 2mb board
> upgrade was
> available. There were later efforts to make it into a hot rod but like a
> MacPlus, it is/was plenty adequate for word processing with up to Word 5.1

Actually, you could extend it to 4MB, essentially turning it into a large
screened MacPlus, with no sound. (The Lisa could only beep, couldn't make
"noise" like a Plus)

There may be other faults I'm forgetting to point out, it's late, I'm
tired... best thing to read about the Lisa, would be David Craig's "Lisa
Retrospect", which, I have located on my web pages.

<http://www.dimensional.com/~djoew/lisa/lisa-retro.html>

You can find other misc. stuff there.

Regards,
Steve White

Date: Mon, 31 Aug 1998 08:24:17 -0500
To: Classic Posts <classic-post@hitznet.com>
From: "Jacob M. Kaplan" <jkaplan@macsrule.com>
Subject: Re: MacXL-Lisa-MacWorks

At 7:06 PM -0500 on 8/30/98, Classic Posts wrote:

> Times flies and our memory fades but here is our best recollection of the
> MacXL, Lisa, MacWorks. MacWorks was a software program that made a Lisa
> /XLMac into a server.. You could also partition the hard disk (if your Lisa
> had one---some had a 5 mg, some a 10 meg later you could upgrade to 20 mgs.
> Some early models had two floppy disks, some one, later on they were modified
> to use diskettes.

NO, actually, MacWorks is the software that turns the Lisa into a Mac and
lets it run Mac software.

cheers... -Jacob

--
Jacob M. Kaplan -- <jkaplan@macsrule.com> or <kaplans@enteract.com>
Personal Web Site -- <<http://www.unitus.ml.org/jkaplan/>>
Columnist, MacSoldiers -- <<http://www.macsoldiers.com/>>
Contributing Editor, Applelinks.com -- <<http://applelinks.com/>>

Subject: RE:MacXL-Lisa-MacWorks
Date: Mon, 31 Aug 1998 11:38:57 -0600
From: rbedeaux <rbedeaux@asap.net>
To: <classic-post@hitznet.com>

>From: JPurtle@aol.com
>Date: Thu, 27 Aug 1998 20:10:23 EDT

>Times flies and our memory fades but here is our best recollection of the
 >MacXL, Lisa, MacWorks. MacWorks was a software program that made a Lisa
 >/XLMac into a server.. You could also partition the hard disk (if your Lisa
 >had one---some had a 5 mg, some a 10 meg later you could upgrade to 20 mgs.
 >Some early models had two floppy disks, some one, later on they were modified
 >to use diskettes.

You are confusing a couple of items here. The MacWorks program in and of
 itself did not "make" the Lisa a server. Rather, it was a Lisa
 application which would load the 64k Mac Roms into memory. After this
 was completed the user would be greeted with a flashing question mark and
 wait for a mac formatted 400k disc (800k with a rom switch and floppy
 switch).

The other item you are mentioning was called XL/Serve later renamed
 MacServe. This bit of software allowed the MacXL (Lisa 2 with Macworks
 booted) to be a fileserver and print server on an appletalk network.

>Apple furnished software that would turn a Lisa into a Mac. Lisa's had round
 >pixel's

The Lisa had oblong pixels they were at a ration of 2:3. This caused an
 aspect distortion when using MacWorks without an aspect ratio "fixer"
 (there were permanent ones available from apple and a third party company
 supported a switchable aspect ratio)

>and a Mac square this led to some resolution problems. You could even
 >have a Lisa on one part of the hard disk and a Mac on another part. There
 >were

>filters for converting files one way from Lisa to Mac.

These were not "filters" per se, as there conversions were rather
 rudimentary, most things were translated as ascii characters.

>The Lisa/MacXL had no

>battery so you lost your time when you unplugged it or the power went off
 >absolutely.

The Lisa 2 & 2/5 (a 2/5 was just a Lisa 2 with an external 5 Meg Profile
 hard drive) had batteries as did the original Lisa. (They were known to
 leake so if you have a 2 or 2/5 remove the battery!) The 2/10 did not
 have the built-in battery but needed to be plugged in to retain
 date/time. (This is irrelevant since the Lisas clock will not let you set
 it to 1998)

>It was a wonderfully modular machine and was designed so you could
 >work on it yourself. Everything snapped or plugged it.

This was a great thing about the Lisa. It was meant to be field
 serviceable. Two quick release screws on the back and the entire chassis
 pulled out revealing color coded boards and slots.

> A 2mb board upgrade

>was

>availabe.

This was available from AST which allowed anywhere from 512k to 2 full
 meg of ram.

>There were later efforts to make it into a hot rod but like a

>MacPlus, it is/was plenty adequate for word processing with up to Word 5.1

>J.purtle

Rob Bedeaux

for more lisa info go to
<http://www.asap.net/~rbedeaux/lisa>

Date: Thu, 3 Sep 1998 01:09:59 -0400
To: Rebecca and Rowland <rebecca@astrid.u-net.com>
From: Sue Korlan <skorlan@erols.com>
Subject: Re: 800K and 1.4MB discs

At 8:24 PM -0400 9/2/98, Rebecca and Rowland sent the following:
>>Date: Sun, 30 Aug 1998 15:37:48 -0400
>>To: Classic Posts <classic-post@hitznet.com>
>[snip]
>>I have lost data using a HD disk and transferring the information to an
>>800k disk.

>Can you explain about this curious behaviour in a bit more detail?
>

They were all formatted as 800k disks, and the HD disk was manufactured without the hole, as far as I can remember, and I was using it for a regular disk back in the days when an SE was a wonderful brand new machine and my department had a Lisa that I was given the disk to be able to keep work I did on for myself. I ended up using that disk on the university's SEs without thinking about it, and copied over the work onto regular DD disks. After a while, all of the copies I had made of my work, and there were a number of copies of it, all simply hard crashed any computer I put them in. I was later told at UND that you can't simply transfer information back and forth from one to the other or some of the information would get lost on the 800k disk because of the difference in the way they were made, unless you used some special equipment to make sure they copied correctly.

Sue Korlan

If the strong are unwilling to die for justice, the weak are certain to die without it. Rick Acker

Date: Mon, 7 Sep 1998 18:40:20 +0100
To: Classic Posts <classic-post@hitznet.com>
From: Rebecca and Rowland <rebecca@astrid.u-net.com>
Subject: Re: 800K and 1.4MB discs

>Date: Thu, 3 Sep 1998 01:09:59 -0400
>From: Sue Korlan <skorlan@erols.com>
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>them in. I was later told at UND that you can't simply transfer information
>back and forth from one to the other or some of the information would get
>lost on the 800k disk because of the difference in the way they were made,
>unless you used some special equipment to make sure they copied correctly.

I've had a good long think about this, and I'm still a bit baffled.
Assuming that the discs in question are the right ones for the drive in
question, there shouldn't be any trouble copying any information on to them.

I think there must have been something going on that I've missed.

Rowland.

Date: Mon, 30 Nov 1998 22:24:50 GMT
To: classic-post@hitnet.com (Classic Posts)
From: johnhayward@zetnet.co.uk (John Hayward)
Subject: Lisa

Got my Apple Lisa out of the cupboard today, ages since I have used
this lovely old system.

What ROM version is needed to run Lisa Office?

Last time I tried to use Lisa she would'nt boot Lisa office off the
Profile hard disk.

I think the reason why is that I was messing about switching the
daughterboards around with a dead Lisa which was given to a friend.]

I think there was a late version of the ROMs that only runs Mac Works
(Mac emulation s'ware) and therefore won't run Lisa's own operating
system.

The Lisa Office OS has some features which Apple implement into Mac OS
7 or later.

I love this old computer. There are some good sites on this machine
which cost \$10,000 new.

Wonder how many surviving machines are still around today??

John H

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John H

|||||'-
|[:)]|'-

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John Hayward

Portsmouth, England

Date: Sun, 10 Jan 1999 13:46:17 GMT
To: classic-post@hitznet.com (Classic Posts)
From: johnhayward@zetnet.co.uk (John Hayward)
Subject: Mac keyboards and 512s f/s

Got two Mac plus keyboard from a junk shop, which both have one or two damaged switches, which I am repairing now with spare switches I kept

from a broken Apple IIe keyboard.

Just wondered:

In the past I have managed to occasionally find smaller style and 105 style Apple ADB keyboards cheap in car boot sales and junk shops but I have noticed the keytops break off *very* easily.

Where can you buy replacement individual keytops for Apple keyboards?? I mean Apple 105 keyboards seem to cost 6-8 times more than common-or-garden PC 102 units, so people must have to get replacement tops sometimes. I am lucky I have a big box of keytops I have saved from broken keyboards from various different computer types.

The shop where I got the keyboards from had around 7 Mac 512s for sale cheap. Base units for 10 and system with keyboard and mouse for 15,

Just wondering are Mac 512s any good for any purpose, ie: can you link up to Appletalk network and run a basic word processor or whatever on them? They don't appear to be upgraded to pluses as I couldn't see a SCSI port on the back. Sorry i don't know if they have 400 or 800k floppy drives.

If any Mac users from the South of England are interested in them, they are in a junk shop called 'Technotrade' in Fareham 10 miles from Portsmouth. i got my IICx, PB145 and Lisa from there!! They don't usually have much Mac stuff but they are a hardware techies dream shop!

Hope you've had a nice holiday Michael! Thanks for all the hard work you do to this very useful list.

John H

Date: Tue, 19 Jan 1999 00:10:12 +0000
To: Classic Posts <classic-post@hitznet.com>
From: Rebecca and Rowland <rebecca@astrid.u-net.com>
Subject: Re: Mac keyboards and 512s f/s

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>From: johnhayward@zetnet.co.uk (John Hayward)

[snip]

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>them? They don't appear to be upgraded to pluses as I couldn't see a
>SCSI port on the back. Sorry i don't know if they have 400 or 800k
>floppy drives.

If they're 512Ks, they can run 6.0.8 and MacWrite quite happily. You can (I think) LocalTalk them, but... System 6.0.8+LocalTalk software doesn't leave much room on an 800K floppy, so you'll need to use the fileserver for software as well as file store if you've not got an external floppy.

(I keep meaning to make up a lead to connect my 512Ke to one of my 'normal' PhoneNet boxes, but I still haven't got round to it - I can email you what wiring information I've gathered so far if you like).

I don't know what the highest OS version you can run on a 512K is (I've not got one), but AFAIK, they're quite happy on LocalTalk too.

>If any Mac users from the South of England are interested in them,
>they are in a junk shop called 'Technotrade' in Fareham 10 miles from
>Portsmouth. i got my IICx, PB145 and Lisa from there!! They don't
>usually have much Mac stuff but they are a hardware techies dream
>shop!

Oh yes - I've been in it. I know someone who used to live pretty close to Fareham, and I spent a happy afternoon rummaging around in that shop last year. Unfortunately, she changed jobs and now lives in London, damnit, so I can't ask her to pick one up for me <grrr>.

(I take it you know all about downloading disc image files of boot discs and how to create real floppies from them? DD discs, freshly-formatted, Disk Copy 4.2, and StuffitExpander?)

Rowland.

(still stuck in Lancs, but probably moving south a bit pretty soon)

Date: Tue, 19 Jan 1999 01:13:10 -0600
Subject: Re: WWW conceived on a Mac
From: "Geoff Kaiser" <geoff@superkais.com>
To: Classic Posts <classic-post@hitznet.com>

Mime-version: 1.0
X-Priority: 3
Status: U

> From: JAG <arena@eden.com>
> Subject: WWW conceived on a Mac
>
> What I said was:
>
>>. This confirms what I have said ever
>>since I first got on the web - that it was probably conceived by a Mac user
>>due to ... parallels to HyperCard. Turns out that is
>>exactly the way it all began.
>
> Notice the words CONCEIVED by a Mac user. All those facts are correct if
> you go to the URL and read it. His proposal was written on a Mac SE I
> believe it states. He also mentions HyperCard throughout the article.
>

We'd all love to think the web was conceived on a Mac, but the internet and the web predate the Mac by many, many years.

The most direct influence on Tim Berners-Lee when he created his first browser (yes, on a NeXT machine) was Ted Nelson, who first published his ideas on hypertext in 1974 in a book called "Computer Lib/Dream Machines". Nelson crusaded for years to get his ideas accepted. HyperCard (and later the WWW) are simply later commercial realizations of these ideas. (You'll see Ted Nelson's name quite a bit in that article, too). HyperCard certainly did NOT invent the idea of hypertext links.

The fact that there is even a WWW to link to owes itself to ARPA (Advanced Research Projects Agency), which was set up by the Pentagon in 1963 originally for military purposes; they constructed their first network in the late 60s; that network grew into what we now call the internet.

Going back even farther, the think tanks that grew into ARPA date back to the mid-late 50s, and included people like Doug Englebart, a huge influence on what became personal computing, and the idea of windows, mice, visual displays, etc. His work had a profound effect on Xerox PARC in the early 70s, which itself invented things like Ethernet, laser printers, a bitmapped graphical interface, and object oriented programming; Xerox PARC of course greatly influenced the Apple Lisa, and then the Macintosh.

Going back even more, Englebart's work was basically inspired by the writings of Vannevar Bush, who in 1945 right after WWII ended, spoke of ideal machines that eventually morphed into what we use today. Even in '45 he proposed the idea of a central storehouse of information, and that a machine could call it up in many ways.

The point? The internet as we now know it is simply the convergence of all these ideas and the work they inspired. To even imply that the WWW was "probably conceived by a Mac user" is not only misled, it conveniently leaves a whole ream of history out of the picture.

I strongly suggest to anyone wanting to know more, check out Steven Levy's book "Insanely Great: the Life and Times of Macintosh"; you can find it at used book stores like Half Price Books. It gives a lot of background info that really gives you a clearer picture of how we got to where we are.

Geoff

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geoff@superkais.com

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